



# Calculation Aids

## Description of Accommodation

This accommodation, or designated support, provides an alternate method of computation for a student who is unable to effectively use paper-and-pencil methods.

## Assessments

For a student who meets the eligibility criteria, this accommodation may be used on

- STAAR grades 3–7 mathematics
- STAAR Spanish grades 3–5 mathematics
- STAAR grades 5 and 8 science
- STAAR Spanish grade 5 science

## Student Eligibility Criteria

A student may use this accommodation if he or she

- receives Section 504 or special education services,
- routinely, independently, and effectively uses the accommodation during classroom instruction and classroom testing, and
- meets at least one of the following for the applicable grade.

### Grades 3 and 4

- The student has a physical disability that prevents him or her from independently writing the numbers required for computations and cannot effectively use other accessibility features to address this need (e.g., whiteboard, graph paper).
- The student has an impairment in vision that prevents him or her from seeing the numbers they have written during computations and cannot effectively use other accessibility features to address this need (e.g., magnifier).

### Grades 5 through 8

- The student has a physical disability that prevents him or her from independently writing the numbers required for computations and cannot effectively use other accessibility features to address this need (e.g., whiteboard, graph paper).
- The student has an impairment in vision that prevents him or her from seeing the numbers they have written during computations and cannot effectively use other accessibility features to address this need (e.g., magnifier).
- The student has a disability that affects mathematics calculations. Even after intensive instruction and remediation, the student is consistently unable to memorize basic addition, subtraction, multiplication, or division facts or perform the steps in an algorithm correctly when solving problems.

## Authority for Decision and Required Documentation

- For a student receiving Section 504 services, the decision is made by the Section 504 committee based on the eligibility criteria and is documented in the student's IAP.
- For a student receiving special education services, the decision is made by the ARD committee based on the eligibility criteria and is documented in the student's IEP.
- In the case of an ELL with a disability, the decision is made by the applicable group above in conjunction with the student's LPAC. The decision is to be documented by the LPAC in the student's permanent record file and by the other applicable group, as described above.
- After state testing, GA must be recorded in the ACCOMM. field on the student's answer document or in the Texas Assessment Management System for online administrations. This indicates that an allowable general accommodation was made available to the student.

## Examples/Types

This accommodation may include **only**

- four-function calculator
- scientific calculator
- graphing calculator
- large-key calculator
- abacus or Cranmer modified abacus
- audio-graphing calculator
- speech-output calculator
- 0–9 addition grid (Indicating special numbers [e.g., even numbers] is **NOT** allowed.)
- grade-appropriate multiplication grid (Indicating special numbers [e.g., perfect squares] is **NOT** allowed.)

## Special Instructions/Considerations

1. A student who uses this accommodation may complete the test in a separate setting to eliminate distractions to other students and to ensure the confidentiality of the test.
2. The use of a calculation aid as a testing accommodation should not replace the teaching of basic computation skills as outlined in the TEKS.
3. Calculators used by eligible students as a testing accommodation must adhere to the guidelines set forth in the STAAR Calculator Policy on the TEA's STAAR Resources webpage.
4. Calculators are a required part of standard test administration procedures (and not considered a testing accommodation) for some state assessments. For more information, refer to the STAAR Calculator Policy on the TEA's STAAR Resources webpage. For these assessments, any calculation aid listed in the Examples/Types section may be provided, along with the required calculator, to a student who is receiving special education or Section 504 services.